

FIG. 1

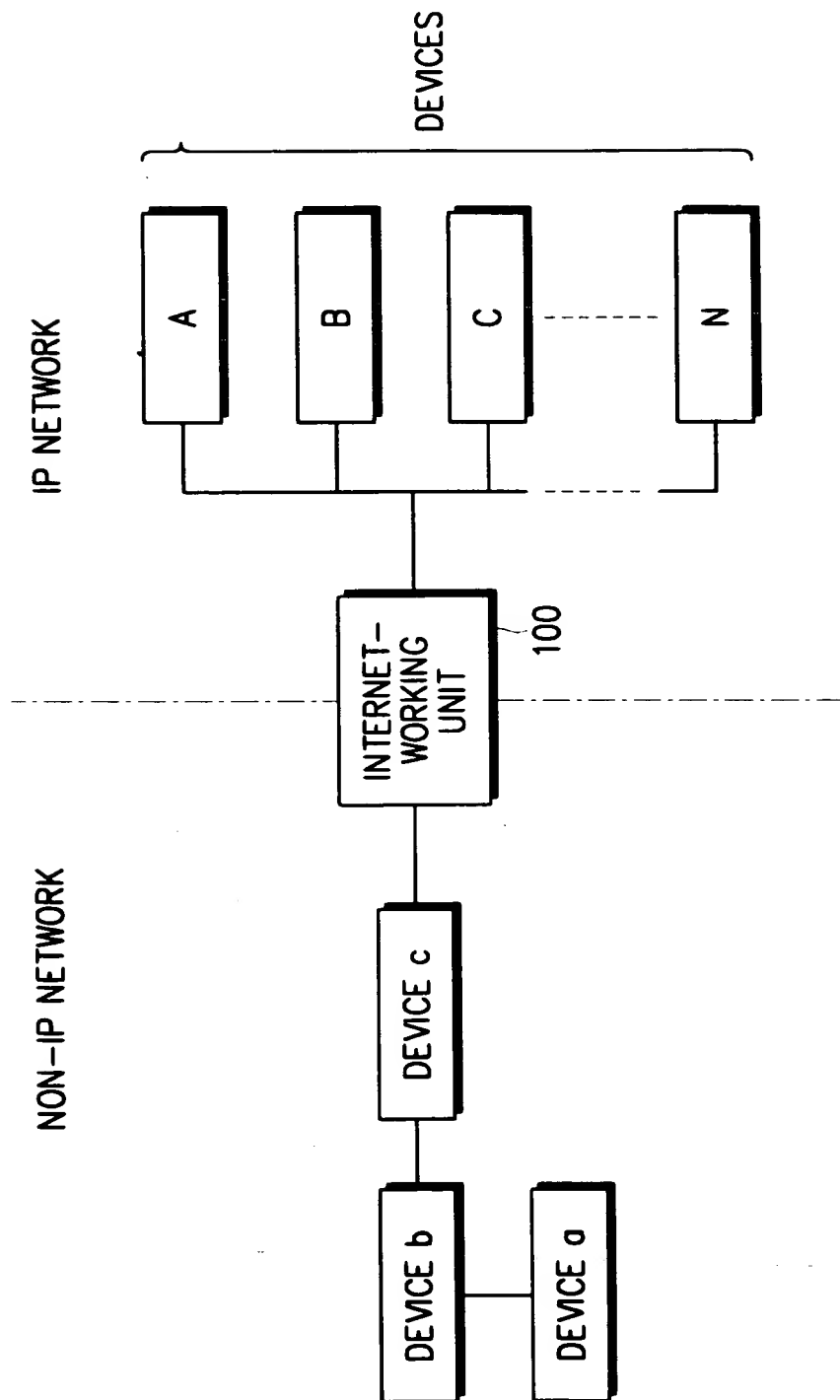


FIG. 2

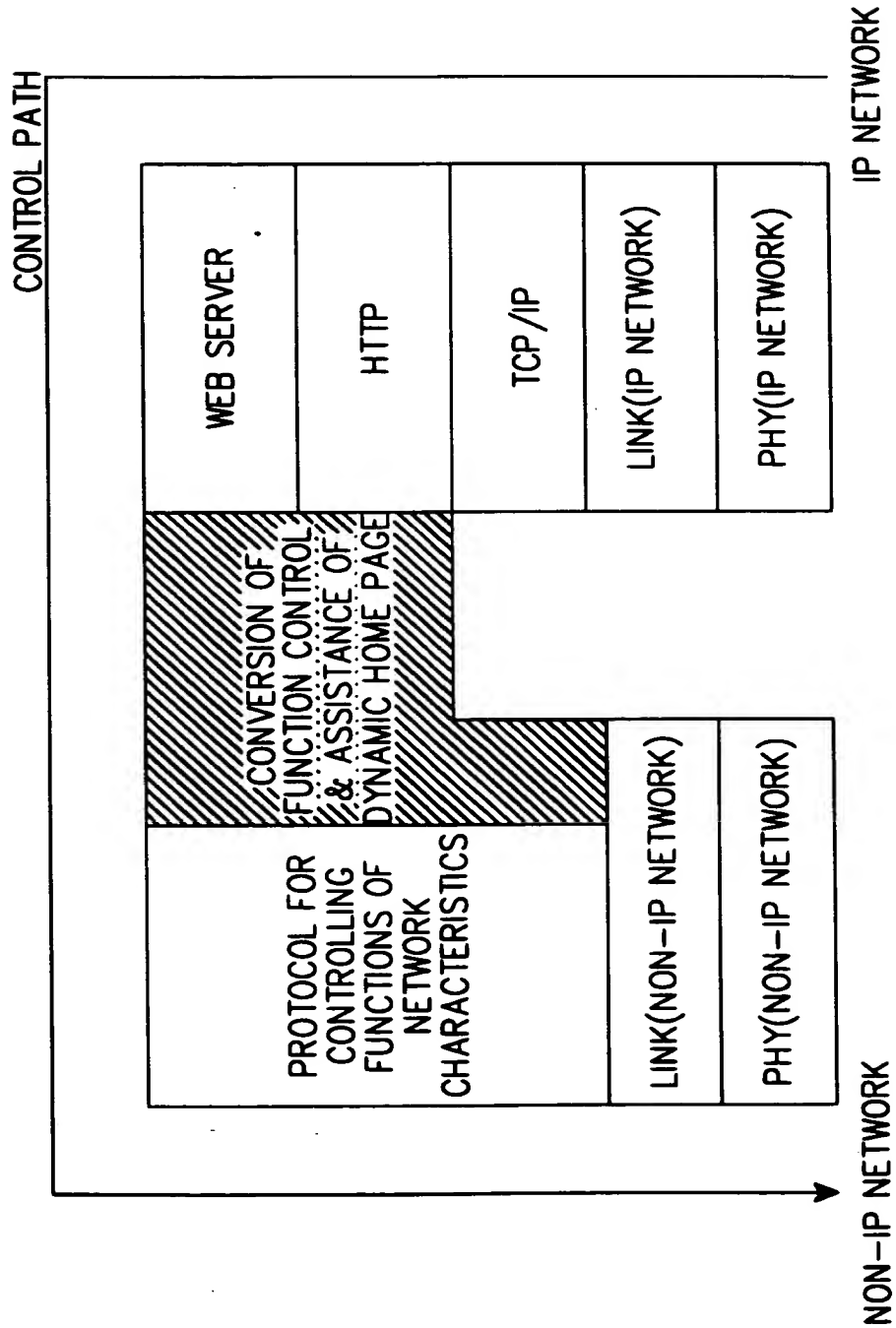
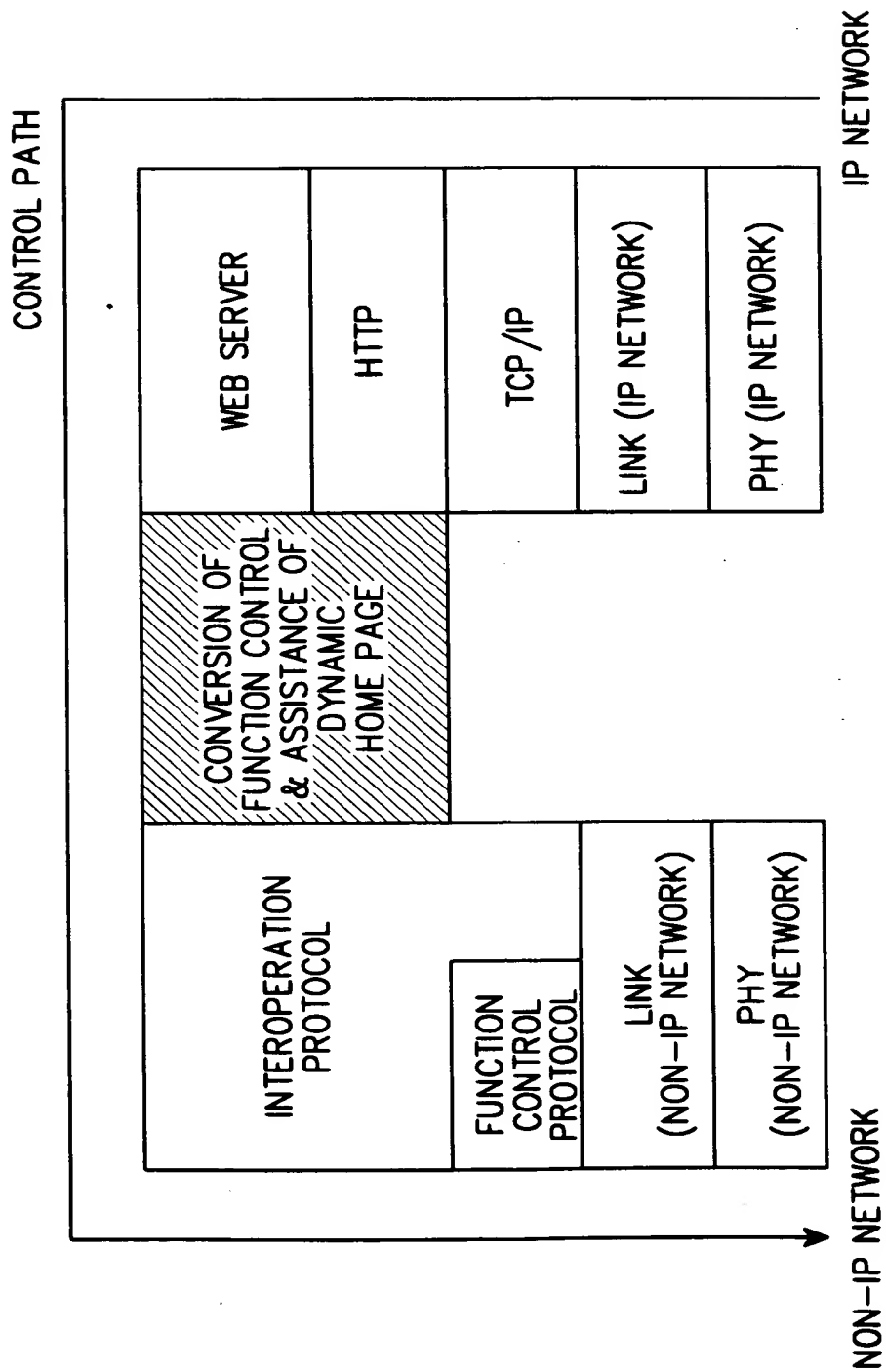


FIG. 3



The diagram illustrates the process of dynamically generating a home page, involving three main components: a **TARGET DEVICE**, an **IP INTERFACING APPARATUS**, and a **CONTROL DEVICE**, all connected to an **IP NETWORK**. The process is divided into three main phases: **A** (Initialization), **B** (Generation of Dynamic Home Page), and **C** (Command).

Phase A: Initialization

- The **TARGET DEVICE** sends a **DEMAND FOR INFORMATION ON NODE** to the **IP INTERFACING APPARATUS**.
- The **IP INTERFACING APPARATUS** sends a **RESPONSE FROM INFORMATION ON NODE** back to the **TARGET DEVICE**.

Phase B: Generation of Dynamic Home Page

- The **IP INTERFACING APPARATUS** sends a **DEMAND FOR ARP** to the **CONTROL DEVICE**.
- The **CONTROL DEVICE** sends a **RESPONSE FROM ARP** back to the **IP INTERFACING APPARATUS**.
- The **IP INTERFACING APPARATUS** sends an **ACCESS TO HOME PAGE** to the **CONTROL DEVICE**.
- The **CONTROL DEVICE** sends a **RESPONSE FROM HOME PAGE** back to the **IP INTERFACING APPARATUS**.
- The **IP INTERFACING APPARATUS** sends a **DEMAND FOR CONTROL OF TARGET DEVICE** to the **CONTROL DEVICE**.
- The **CONTROL DEVICE** sends a **REPOSENSE FROM CONTROL OF TARGET DEVICE** back to the **IP INTERFACING APPARATUS**.

Phase C: Command

- The **CONTROL DEVICE** sends a **DEMAND FOR CONTROL (FCP)** to the **TARGET DEVICE**.
- The **TARGET DEVICE** sends a **RESPONSE FROM CONTROL (FCP)** back to the **CONTROL DEVICE**.

The **IP NETWORK** is shown as the communication medium for the interactions between the **IP INTERFACING APPARATUS** and the **CONTROL DEVICE**.

NON-IP NETWORK

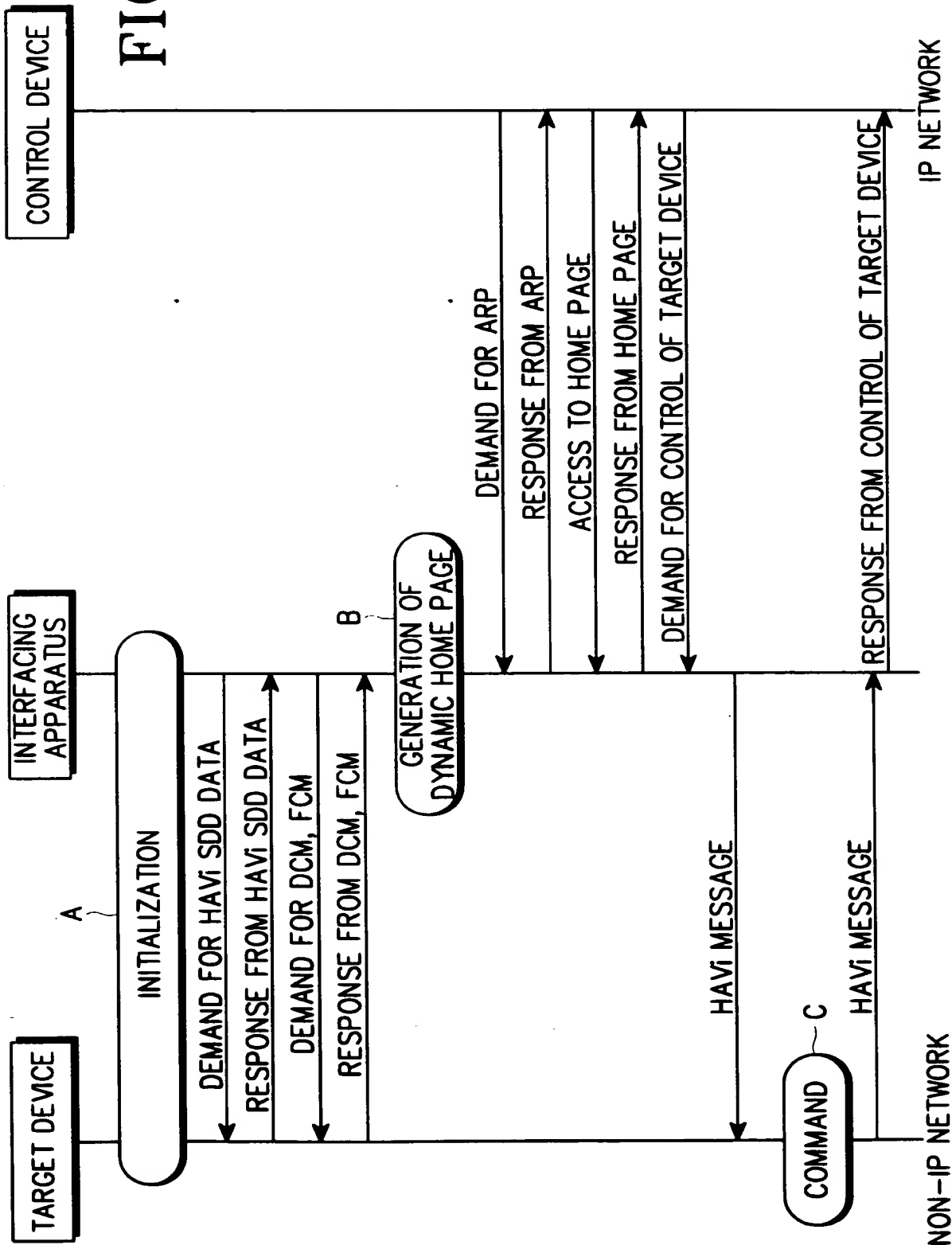


FIG. 5

FIG. 6

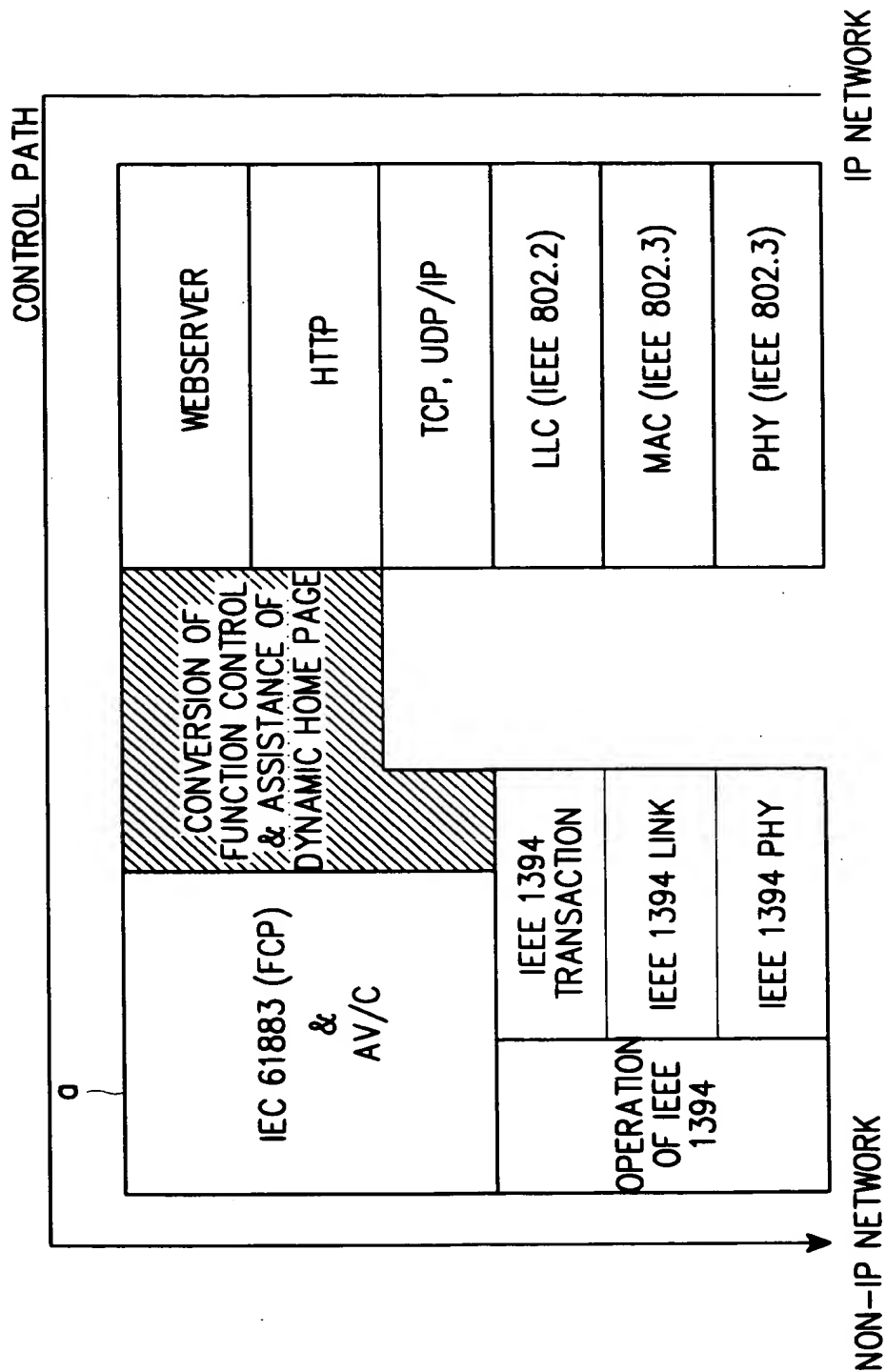


FIG. 7

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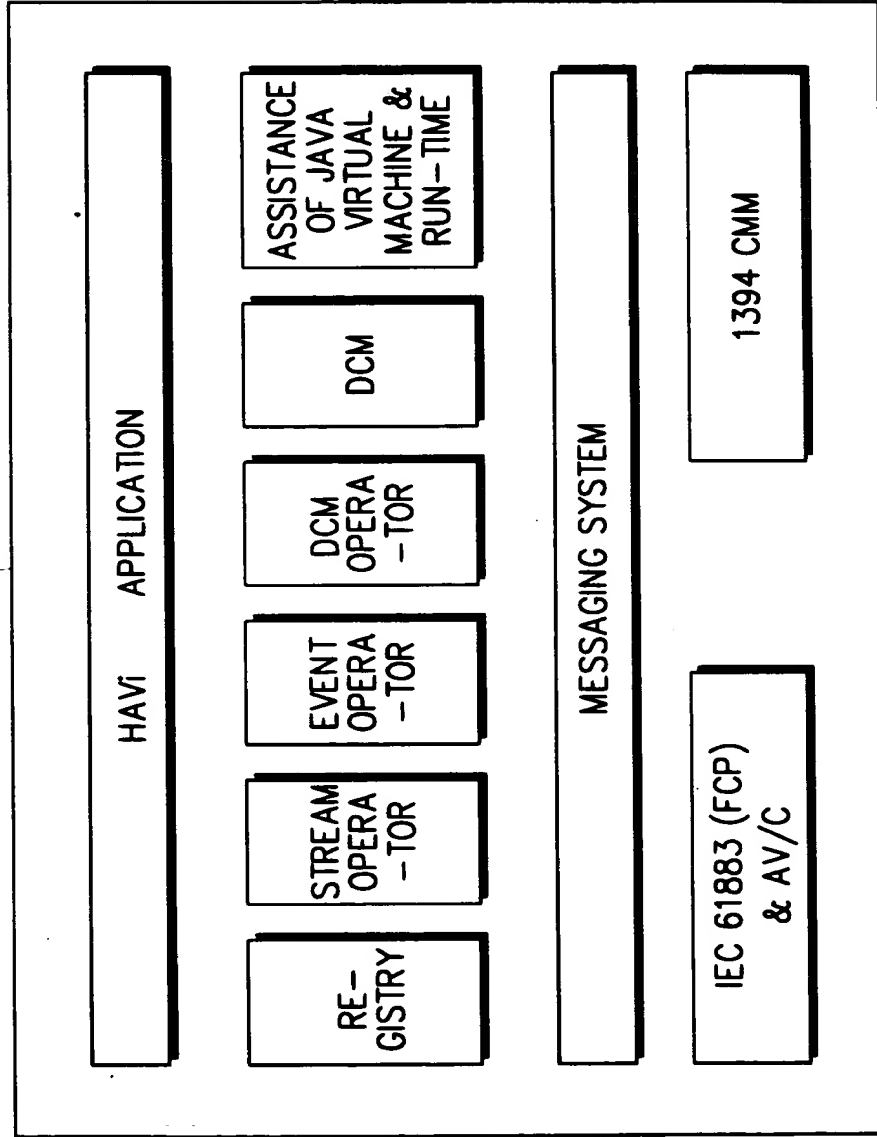
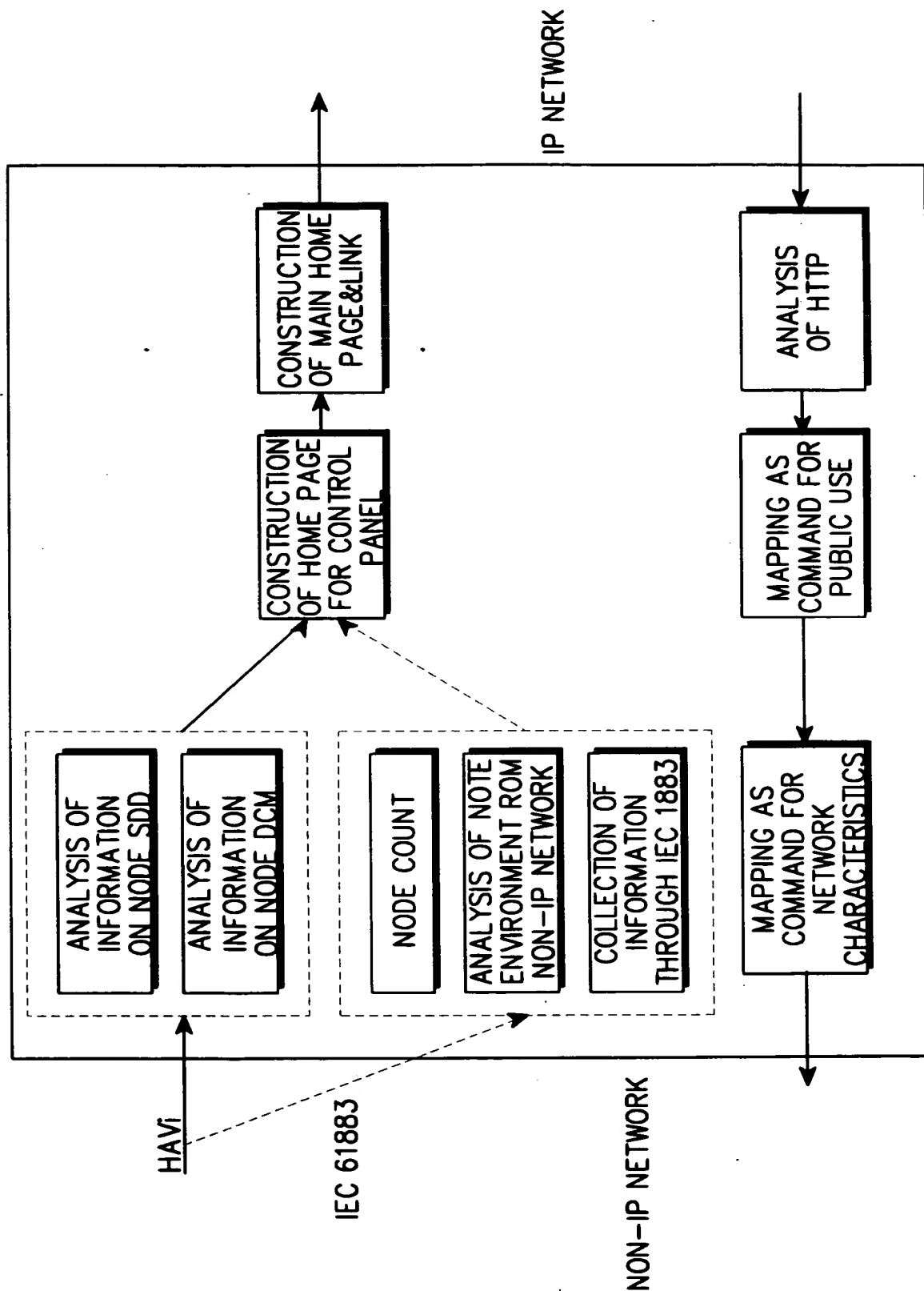


FIG. 8



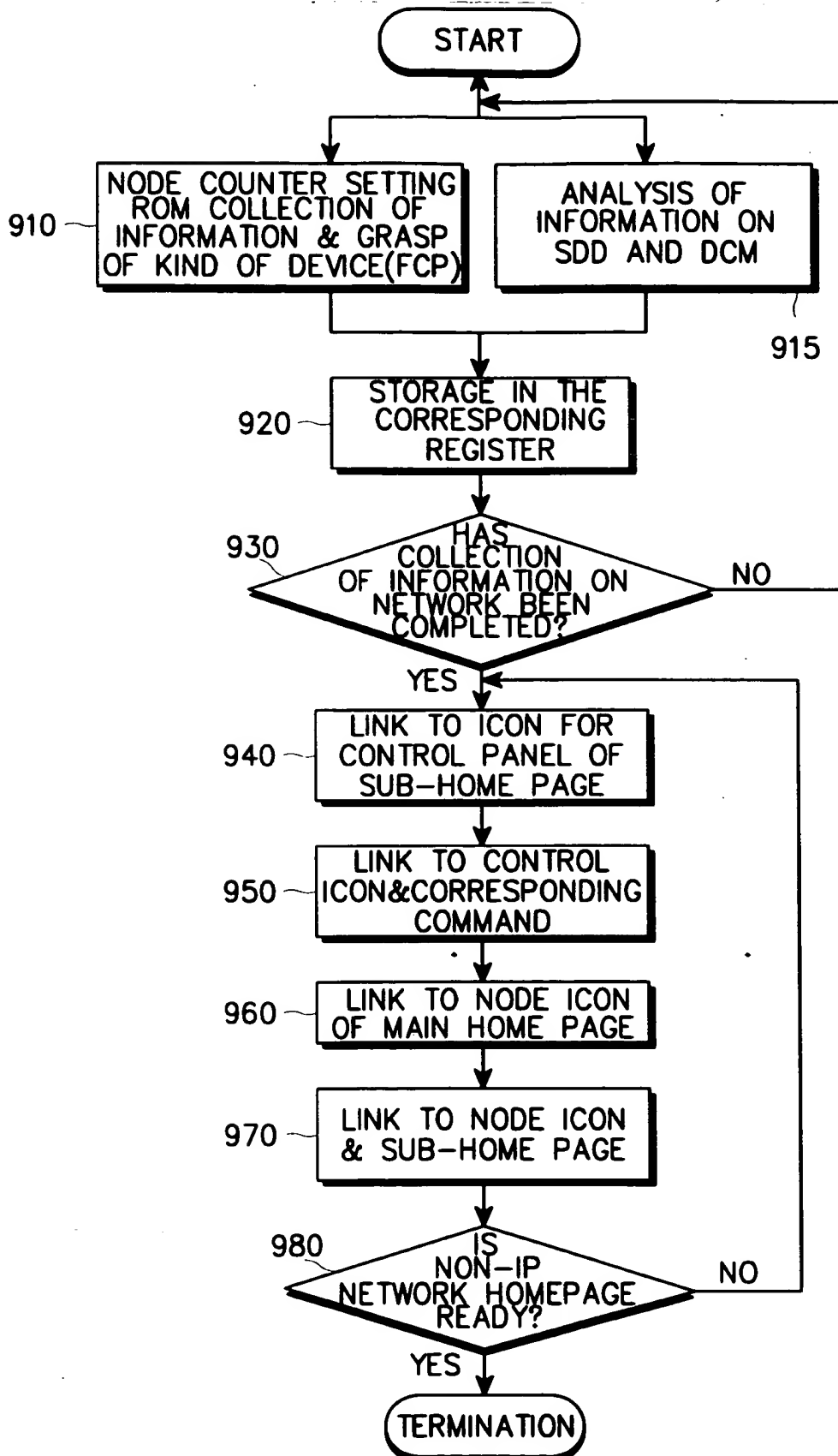


FIG. 9

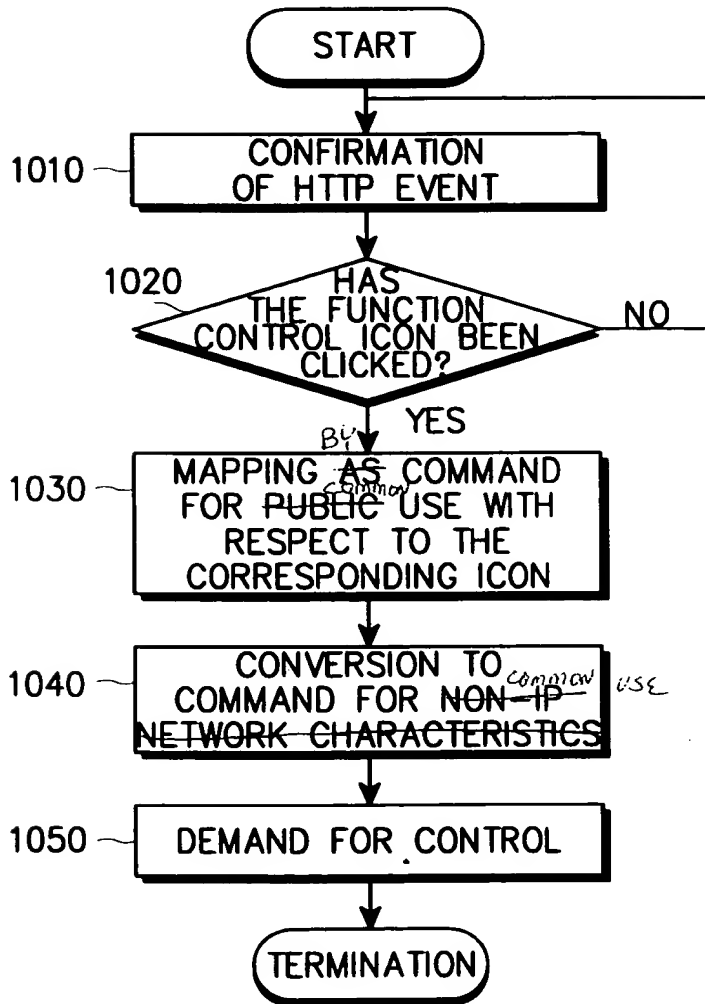


FIG. 10

FIG. 11

